PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/18/82. B-1241 (C10)

COASTAL BERMUDAGRASS ESTAB., IRRIGATED, TEXAS EDWARDS PLATEAU EASTERN
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS				$ 0.0	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
CUSTOM SPRIGGING	1.00	ACRE	25.00	25.00	________
*NITROGEN	32.00	LB.	0.30	9.60	________
*PHOSPHATE	40.00	LB.	0.30	12.00	________
IRRIGATION WATER	12.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		4.14	________
EQUIPMENT		ACRE		0.81	________
IRRIGATION		ACRE		27.84	________
REPAIRS------TRACTOR		ACRE		0.74	________
EQUIPMENT		ACRE		1.05	________
IRRIGATION		ACRE		10.92	________
LABOR--------MACHINERY	1.13	HOUR	4.50	5.07	________
IRRIGATION	1.20	HOUR	3.50	4.20	________
EQUIPMENT	0.35	HOUR	3.35	1.17	________
OPERATING CAPITAL	44.93	DOL.	0.130	5.84	________
SUBTOTAL, PREHARVEST		ACRE		$ 108.38	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 108.38	$________
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -108.38	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		7.55	
EQUIPMENT		ACRE		5.75	________
IRRIGATION		ACRE		23.88	________
LAND-CASH RENT	1.00	ACRE	12.00	12.00	________
TOTAL FIXED COSTS		ACRE		$ 49.19	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 157.57	$________
6. NET PROJECTED RETURNS		ACRE		$ -157.57	$________

COASTAL BERMUDAGRASS ESTAB., IRRIGATED, TEXAS EDWARDS PLATEAU EASTERN
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	3,44	JAN	1.00	0.261	0.198	2.05	1.18	0.0	3.26	6.49
DISK-TANDEM	3,30	FEB	1.00	0.210	0.159	1.73	0.95	0.0	2.17	4.84
FERT. APPLI.	5,86	FEB	1.00	0.153	0.116	0.52	0.69	10.80	1.82	13.83
HERBICID SPRAYER	5,73	MAY	1.00	0.349	0.264	1.00	1.57	0.0	3.45	6.02
FERT. APPLI.	5,86	JULY	1.00	0.153	0.116	0.52	0.69	10.80	1.82	13.83
TOTALS				1.127	0.854	5.83	5.07	21.60	12.51	45.01

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	MAY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	JULY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	AUG	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
TOTALS		12.00	1.200	0.0	38.76	4.20	0.0	23.88	66.84

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/18/82. B-1241 (C10)

COASTAL BERMUDAGRASS PASTURE, IRRIGATED TEXAS EDWARDS PLATEAU EASTERN REGI(
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COASTAL PASTURE	13.00	AUM	6.00	78.00	________
TOTAL PROJECTED RETURNS				$ 78.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	325.00	LB.	0.30	97.50	________
*PHOSPHATE	100.00	LB.	0.30	30.00	________
IRRIGATION WATER	15.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		2.36	________
EQUIPMENT		ACRE		0.81	________
IRRIGATION		ACRE		34.80	________
REPAIRS------TRACTOR		ACRE		0.34	________
EQUIPMENT		ACRE		0.53	________
IRRIGATION		ACRE		13.65	________
LABOR--------MACHINERY	1.04	HOUR	4.50	4.70	________
IRRIGATION	1.50	HOUR	3.50	5.25	________
EQUIPMENT	0.35	HOUR	3.35	1.17	________
OPERATING CAPITAL	55.74	DOL.	0.130	7.25	________
SUBTOTAL, PREHARVEST		ACRE		$ 198.35	$________
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE		$ 0.0	$________
TOTAL VARIABLE COSTS		ACRE		$ 198.35	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 15.26/AUM	COASTAL PASTURE		
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ -120.35	$________
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		5.79	________
EQUIPMENT		ACRE		6.72	________
IRRIGATION		ACRE		29.85	________
LAND-CASH RENT	1.00	ACRE	12.00	12.00	________
PRORATED ESTAB	157.57	DOL.	0.07	11.03	________
TOTAL FIXED COSTS		ACRE		$ 65.39	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 263.74	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 20.29/AUM	COASTAL PASTURE		
6. NET PROJECTED RETURNS		ACRE		$ -185.74	$________

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

COASTAL BERMUDAGRASS PASTURE, IRRIGATED TEXAS EDWARDS PLATEAU EASTERN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
FERT. APPLI.	5,86	APR	1.00	0.153	0.116	0.52	0.69	60.00	1.82	63.03
FERT. APPLI.	5,86	JUNE	1.00	0.153	0.116	0.52	0.69	30.00	1.82	33.03
FERT. APPLI.	5,86	AUG	1.00	0.153	0.116	0.52	0.69	37.50	1.82	40.53
SHREDDER	5,61	AUG	1.00	0.584	0.442	1.56	2.63	0.0	6.25	10.44
TOTALS				1.044	0.791	3.13	4.70	127.50	11.71	147.04

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	MAY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	JUNE	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	JULY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	AUG	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
TOTALS		15.00	1.500	0.0	48.45	5.25	0.0	29.85	83.55

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COASTAL PASTURE (DOLLARS)

QUANTITY OF COASTAL PASTURE	AUM	4.80	5.40	6.00	6.60	7.20
	10.40	-148.43	-142.19	-135.95	-129.71	-123.47
	11.70	-142.19	-135.17	-128.15	-121.13	-114.11
	13.00	-135.95	-128.15	-120.35	-112.55	-104.75
	14.30	-129.71	-121.13	-112.55	-103.97	-95.39
	15.60	-123.47	-114.11	-104.75	-95.39	-86.03

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/17/82. B-1241(C10)

COASTAL BERMUDAGRASS HAY, IRRIGATED, TEXAS EDWARDS PLATEAU EASTERN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COSTAL HAY	8.00	TON	70.00	560.00	________
TOTAL PROJECTED RETURNS				$ 560.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*NITROGEN	325.00	LB.	0.30	97.50	________
*PHOSPHATE	100.00	LB.	0.30	30.00	________
IRRIGATION WATER	15.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		1.04	________
EQUIPMENT		ACRE		1.13	________
IRRIGATION		ACRE		34.80	________
REPAIRS------TRACTOR		ACRE		0.15	________
EQUIPMENT		ACRE		0.52	________
IRRIGATION		ACRE		13.65	________
LABOR---------MACHINERY	0.46	HOUR	4.50	2.07	________
IRRIGATION	1.50	HOUR	3.50	5.25	________
EQUIPMENT	0.49	HOUR	3.35	1.64	________
OPERATING CAPITAL	-3.91	DOL.	0.130	-0.51	________
SUBTOTAL, PREHARVEST		ACRE		$ 187.24	$________
HARVEST COSTS					
CUSTOM BALING	264.00	BALE	0.65	171.60	________
HAUL & STACK	264.00	BALE	0.25	66.00	________
SUBTOTAL, HARVEST		ACRE		$ 237.60	$________
TOTAL VARIABLE COSTS		ACRE		$ 424.84	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 53.11/TON		COSTAL HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 135.16	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		2.55	________
EQUIPMENT		ACRE		4.02	________
IRRIGATION		ACRE		29.85	________
LAND-CASH RENT	1.00	ACRE	12.00	12.00	________
PRORATED ESTAB	157.57	DOL.	0.07	11.03	________
TOTAL FIXED COSTS		ACRE		$ 59.46	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 484.30	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 60.54/TON		COSTAL HAY	
6. NET PROJECTED RETURNS		ACRE		$ 75.70	$________

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COASTAL BERMUDAGRASS HAY, IRRIGATED, TEXAS EDWARDS PLATEAU EASTERN REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
FERT. APPLI.	5,86	APR	1.00	0.153	0.116	0.52	0.69	60.00	1.82	63.03
FERT. APPLI.	5,86	JUNE	1.00	0.153	0.116	0.52	0.69	30.00	1.82	33.03
FERT. APPLI.	5,86	AUG	1.00	0.153	0.116	0.52	0.69	37.50	1.82	40.53
TOTALS				0.460	0.348	1.56	2.07	127.50	5.46	136.60

IRRIGATION APPLICATION	APPL. MONTH	ACRE INCHES	LABOR HOURS	SYSTEM HOURS	IRRIG OPER. COSTS	LABOR COSTS	APPL. INPUT COSTS	IRRIG FIXED COSTS	TOTAL IRRIG COSTS
WATER APPLICATION	APR	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	MAY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	JUNE	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	JULY	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
WATER APPLICATION	AUG	3.00	0.300	0.0	9.69	1.05	0.0	5.97	16.71
TOTALS		15.00	1.500	0.0	48.45	5.25	0.0	29.85	83.55

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

PRICE OF COSTAL HAY (DOLLARS)

	TON	56.00	63.00	70.00	77.00	84.00
QUANTITY OF COSTAL HAY	6.40	-18.92	25.88	70.68	115.48	160.28
	7.20	2.12	52.52	102.92	153.32	203.72
	8.00	23.16	79.16	135.16	191.16	247.16
	8.80	44.20	105.80	167.40	229.00	290.60
	9.60	65.24	132.44	199.64	266.84	334.04

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/18/82. B-1241 (C10)

HYBRID SUDAN-SORGHUM HAY & GRAZING, DRYLAND, TEXAS EDWARDS PLATEAU EASTE[illegible]
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED $/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
SORGHUM HAY	3.50	TON	80.00	280.00	________
TOTAL PROJECTED RETURNS				$ 280.00	$________
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*FORAGE SORG SEED	35.00	LB.	0.40	14.00	________
*NITROGEN	100.00	LB.	0.30	30.00	________
FUEL & LUBE--TRACTOR	.	ACRE		7.41	________
EQUIPMENT		ACRE		1.62	________
REPAIRS------TRACTOR		ACRE		1.37	________
EQUIPMENT		ACRE		2.08	________
LABOR---------MACHINERY	1.78	HOUR	4.50	8.02	________
EQUIPMENT	0.70	HOUR	3.35	2.34	________
OPERATING CAPITAL	2.05	DOL.	0.130	0.27	________
SUBTOTAL, PREHARVEST		ACRE		$ 67.10	$________
HARVEST COSTS					
CUSTOM BALING	167.00	BALE	0.65	108.55	________
HAUL & STACK	167.00	BALE	0.25	41.75	________
SUBTOTAL, HARVEST		ACRE		$ 150.30	$________
TOTAL VARIABLE COSTS		ACRE		$ 217.40	$________
BREAK-EVEN PRICE, VARIABLE COSTS		$ 62.11/TON		SORGHUM HAY	
3. INCOME ABOVE VARIABLE COSTS		ACRE		$ 62.60	$________
4. FIXED COSTS					
DEPREC.,INTEREST,TAXES & INSUR.					
TRACTOR		ACRE		12.64	________
EQUIPMENT		ACRE		7.69	________
LAND-CASH RENT	1.00	ACRE	8.00	8.00	________
TOTAL FIXED COSTS		ACRE		$ 28.33	$________
5. TOTAL PROJECTED COSTS		ACRE		$ 245.73	$________
BREAK-EVEN PRICE, TOTAL COSTS		$ 70.21/TON		SORGHUM HAY	
6. NET PROJECTED RETURNS		ACRE		$ 34.27	$________

LAND CHARGE BASED ON PREVAILING RATES IN REGION.

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HYBRID SUDAN-SORGHUM HAY & GRAZING, DRYLAND, TEXAS EDWARDS PLATEAU EASTERN
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	3,44	MAR	1.00	0.261	0.198	2.05	1.18	0.0	3.26	6.49
DISK-TANDEM	3,30	MAR	1.00	0.210	0.159	1.73	0.95	0.0	2.17	4.84
FERT. APPLI.	5,86	APR	1.00	0.153	0.116	0.52	0.69	15.00	1.82	18.03
DISK-TANDEM	3,30	APR	1.00	0.210	0.159	1.73	0.95	0.0	2.17	4.84
LISTER/BEDDER	3,49	APR	1.00	0.320	0.242	2.56	1.44	0.0	3.70	7.70
DRILL GRAIN	5,52	APR	1.00	0.473	0.358	1.53	2.13	14.00	3.81	21.47
FERT. APPLI.	5,86	JULY	1.00	0.153	0.116	0.52	0.69	15.00	1.82	18.03
TOTALS				1.781	1.349	10.65	8.02	44.00	18.74	81.41

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF SORGHUM HAY (DOLLARS)				
	TON	64.00	72.00	80.00	88.00	96.00
QUANTITY OF SORGHUM HAY	2.80	-8.14	14.26	36.66	59.06	81.46
	3.15	-0.77	24.43	49.63	74.83	100.03
	3.50	6.60	34.60	62.60	90.60	118.60
	3.85	13.97	44.77	75.57	106.37	137.17
	4.20	21.34	54.94	88.54	122.14	155.74

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT STRATEGIES.